DOCUMENTATION FOR THE Buzzvel 2024 Test

1. Introduction:

1.1 Provide a brief overview of the API.

This is an API provided to the Buzzvel 2024 Backend Dev test.

1.2 Explain the purpose and functionality of the API.

This is an API to create a RESTful API using Laravel to manage holiday plans for the year 2024.

The API should allow users to perform CRUD operations (Create, Read, Update,Delete) on holiday plans

2. Getting Started:

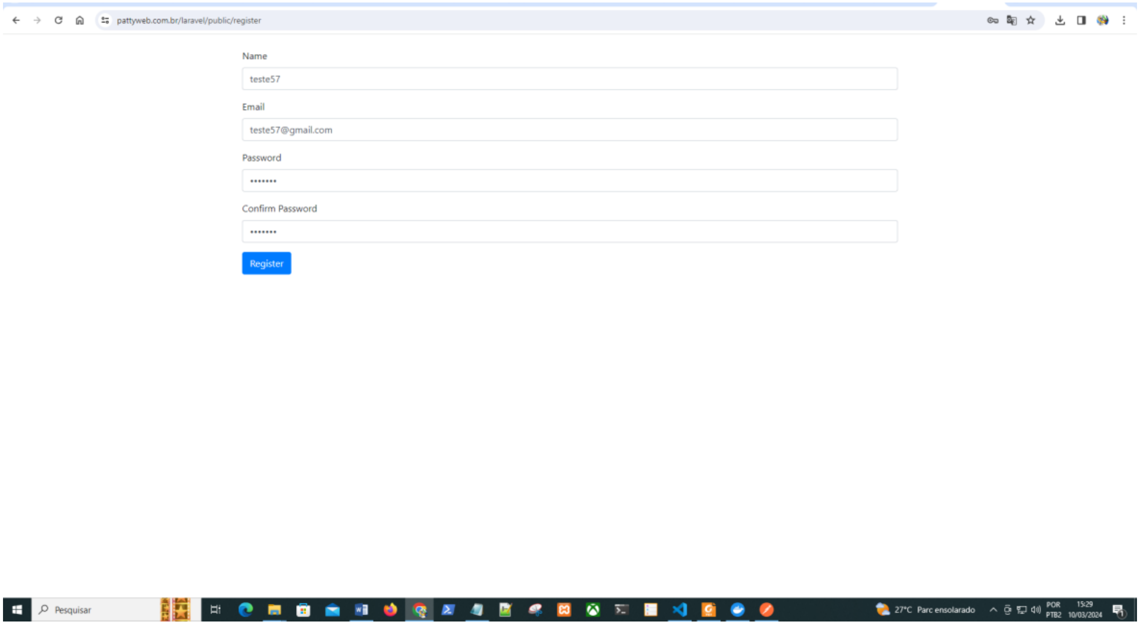
2.1 Include instructions on how to obtain API credentials (token).

On localhost, in the browser: register your email:

http://localhost/register

On live URL, in the browser:

https://pattyweb.com.br/laravel/public/register



pattyweb.com.br/laravel/public/register

Name

teste57

Email

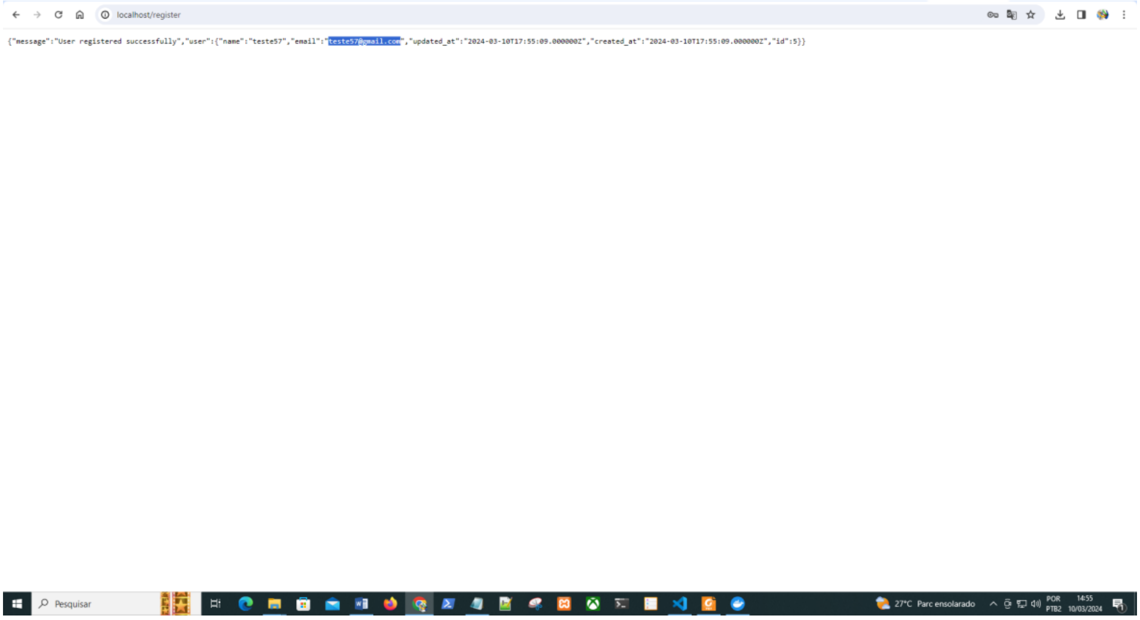
teste57@gmail.com

Password

•••••••

Confirm Password

•••••••



```
{"message":"User registered successfully","user":{"name":"teste57","email":"teste57@gmail.com","updated_at":"2024-03-10T17:55:09.000000Z","created_at":"2024-03-10T17:55:09.000000Z","id":5}}
```

2.2 Provide sample requests for authentication.

On localhost:

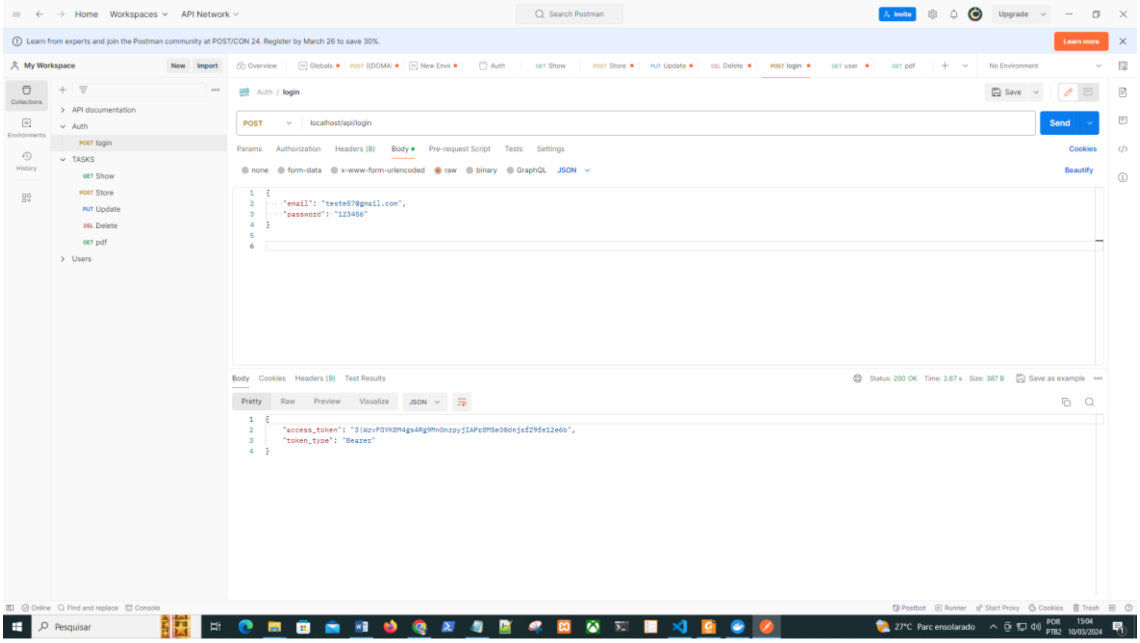
POST localhost/api/login

On Live URL:

POST https://pattyweb.com.br/laravel/public/api/login

Insert your register in the body, example:

```
{
    "email": "teste57@gmail.com",
    "password": "123456"
}
```



POST localhost/api/login

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "email": "teste57@gmail.com",
    "password": "123456"
}
```

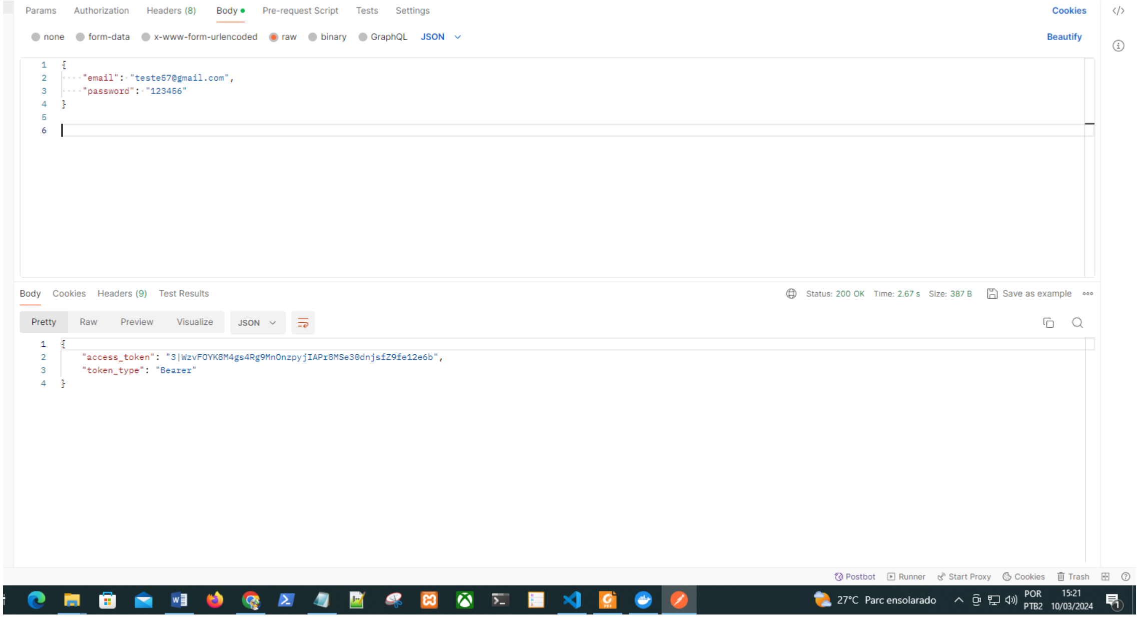
Status: 200 OK Time: 2.67 s Size: 387 B

```
{
    "access_token": "3|WzvFOYK8M4gs4Rg9MnOnzpyjIAPr8MSe38dnjsfZ9fe12e6b",
    "token_type": "Bearer"
}
```

To do the CRUD operations I'm using Postman. To set it right, you'll have to insert in Headers the Authorization and the Accept fields. In the Authorization field you'll obtain your token with POST localhost/api/login or POST https://pattyweb.com.br/laravel/public/api/login, it dependes on whether you are using it localhost or URL live project. On inserting your register to the endpoint, example:

```
{
    "email": "teste57@gmail.com",
    "password": "123456"
}
```

You'll obtain , in the response, the token:



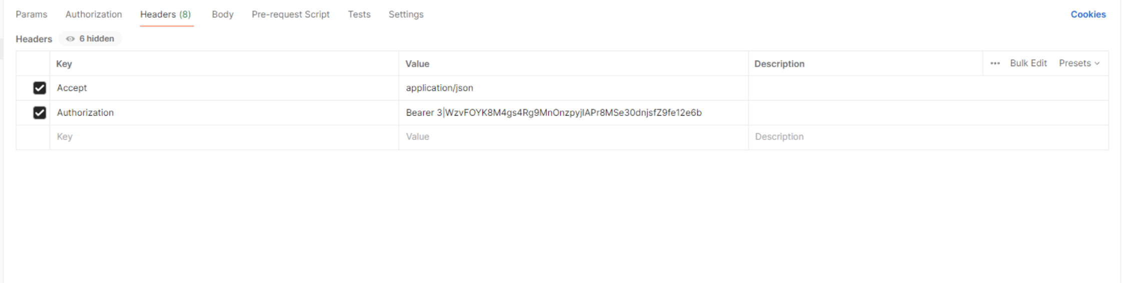
```
{
    "email": "teste57@gmail.com",
    "password": "123456"
}

```

Status: 200 OK Time: 2.67 s Size: 387 B

```
{
    "access_token": "3|WzvFOYK8M4gs4Rg9MnOnzpyjIAPr8MSe30dnjsfZ9fe12e6b",
    "token_type": "Bearer"
}
```

You'll copy this token and reproduce it to execute the CRUD operations, in ALL of them:



	Key	Value	Description
☑	Accept	application/json	
☑	Authorization	Bearer 3|WzvFOYK8M4gs4Rg9MnOnzpyjIAPr8MSe30dnjsfZ9fe12e6b	
	Key	Value	Description

You'll have to insert it with the Bearer token and the access token, something like this:

Bearer 3|WzvFOYK8M4gs4Rg9MnOnzpyjIAPr8MSe30dnjsfZ9fe12e6b

3. Base URL:

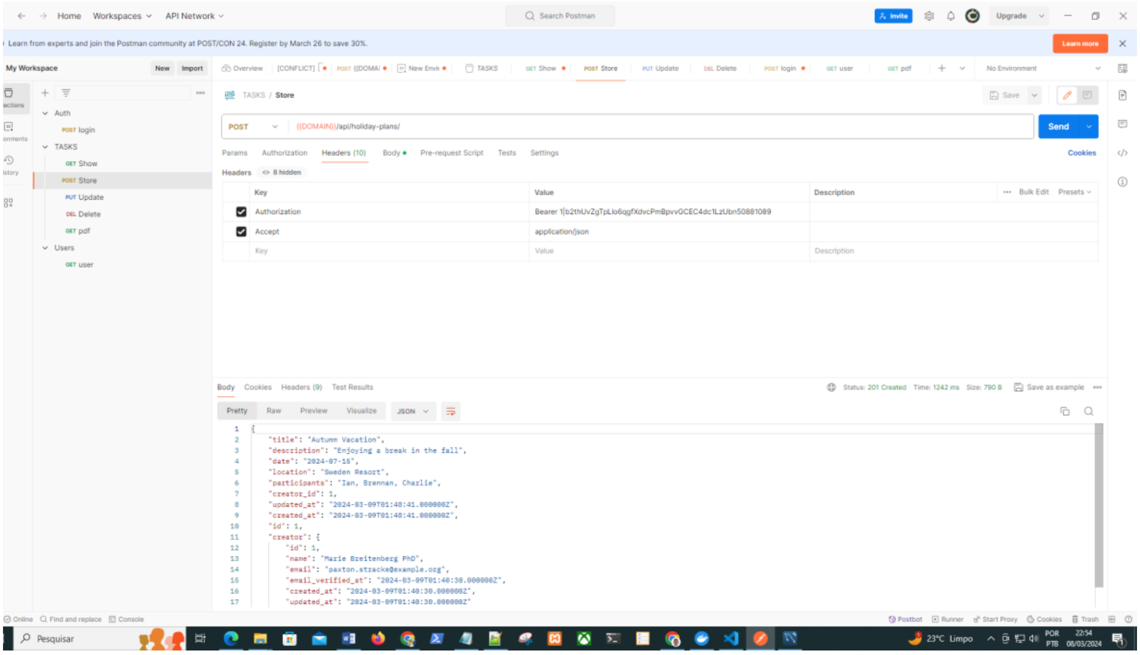
To test the endpoints of your HolidayPlanController, you can use tools like Postman, Insomnia, or even cURL. Below are examples of how to test each of your endpoints:

3.1 Create a new holiday plan (POST):

Endpoint: POST localhost/api/holiday-plans OR https://pattyweb.com.br/laravel/public/api/holiday-plans

An example of json data inserted to the Body:

```
{
  "title": "New Years",
  "description": "Enjoying a break in the New Year",
  "date": "2024-07-15",
  "location": "Paris Resort",
  "participants": ["Alice", "Bob", "Charlie"]
}
```

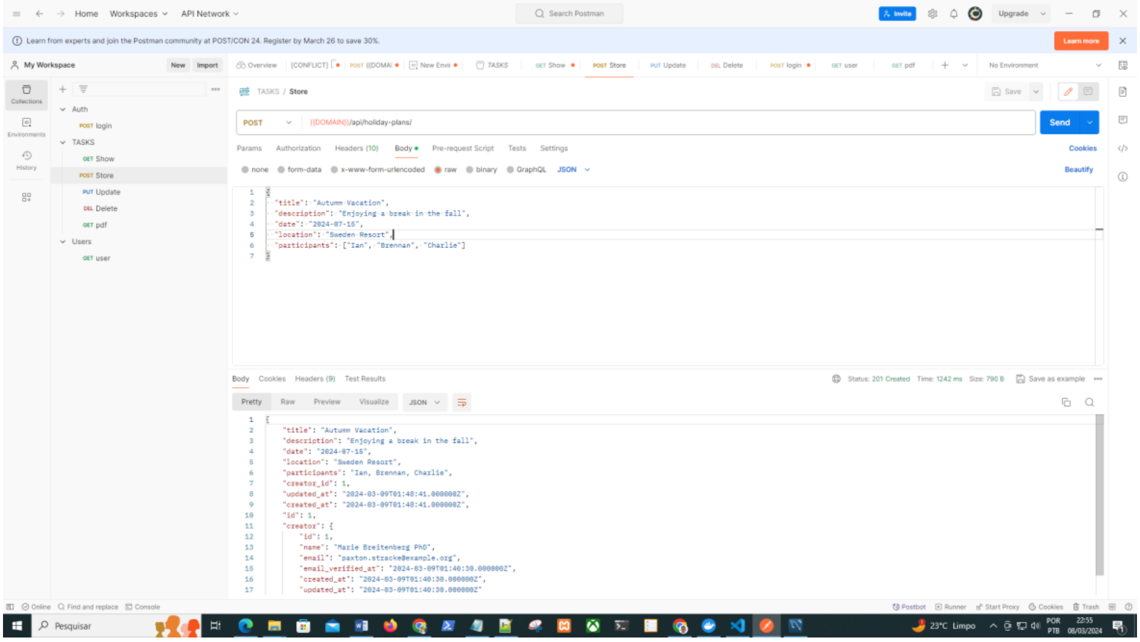


POST {{DOMAIN}}/api/holiday-plans/

	Key	Value	Description
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	
☑	Accept	application/json	
	Key	Value	Description

Status: 201 Created Time: 1242 ms Size: 790 B

```
{
    "title": "Autumn Vacation",
    "description": "Enjoying a break in the fall",
    "date": "2024-07-15",
    "location": "Sweden Resort",
    "participants": "Ian, Brennan, Charlie",
    "creator_id": 1,
    "updated_at": "2024-03-09T01:48:41.000000Z",
    "created_at": "2024-03-09T01:48:41.000000Z",
    "id": 1,
    "creator": {
        "id": 1,
        "name": "Marie Breitenberg PhD",
        "email": "paxton.stracke@example.org",
        "email_verified_at": "2024-03-09T01:40:30.000000Z",
        "created_at": "2024-03-09T01:40:30.000000Z",
        "updated_at": "2024-03-09T01:40:30.000000Z"
```



TASKS / Store

POST {{DOMAIN}}/api/holiday-plans/

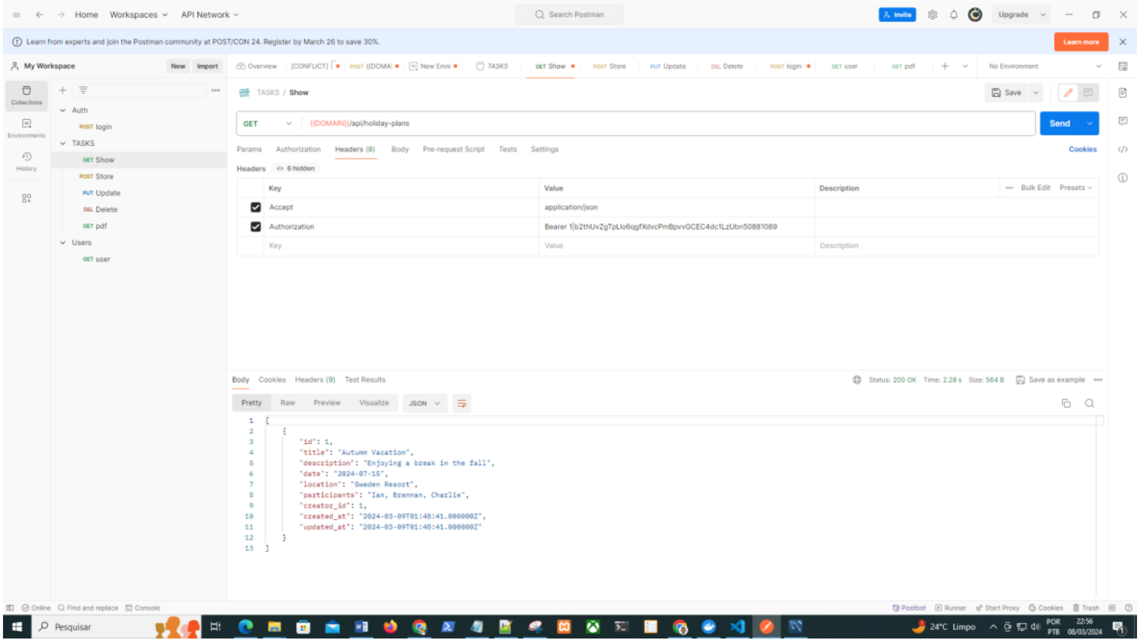
```
{
  "title": "Autumn Vacation",
  "description": "Enjoying a break in the fall",
  "date": "2024-07-15",
  "location": "Sweden Resort",
  "participants": ["Ian", "Brennan", "Charlie"]
}
```

Status: 201 Created Time: 1242 ms Size: 790 B

```
{
    "title": "Autumn Vacation",
    "description": "Enjoying a break in the fall",
    "date": "2024-07-15",
    "location": "Sweden Resort",
    "participants": "Ian, Brennan, Charlie",
    "creator_id": 1,
    "updated_at": "2024-03-09T01:48:41.000000Z",
    "created_at": "2024-03-09T01:48:41.000000Z",
    "id": 1,
    "creator": {
        "id": 1,
        "name": "Marie Breitenberg PhD",
        "email": "paxton.stracke@example.org",
        "email_verified_at": "2024-03-09T01:40:30.000000Z",
        "created_at": "2024-03-09T01:40:30.000000Z",
        "updated_at": "2024-03-09T01:40:30.000000Z"
```

3.2 Retrieve all holiday plans (GET):

Endpoint: GET localhost/api/holiday-plans OR https://pattyweb.com.br/laravel/public/api/holiday-plans



TASKS / Show

GET {{DOMAIN}}/api/holiday-plans

Headers (8)

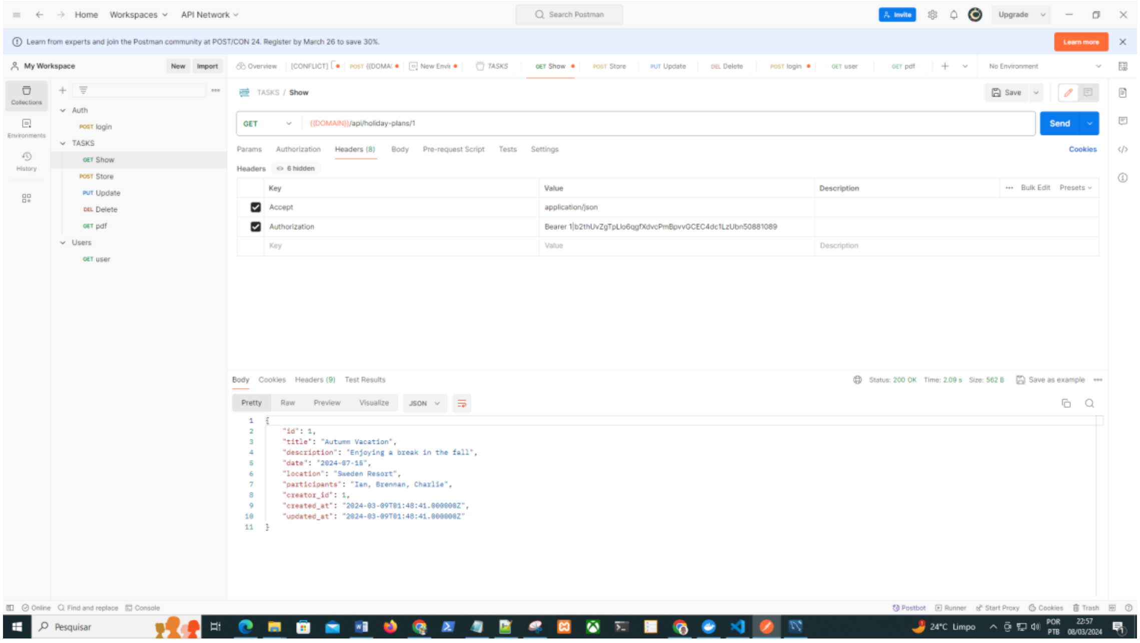
	Key	Value	Description
☑	Accept	application/json	
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	

Status: 200 OK Time: 2.28 s Size: 564 B

```
[
    {
        "id": 1,
        "title": "Autumn Vacation",
        "description": "Enjoying a break in the fall",
        "date": "2024-07-15",
        "location": "Sweden Resort",
        "participants": "Ian, Brennan, Charlie",
        "creator_id": 1,
        "created_at": "2024-03-09T01:48:41.000000Z",
        "updated_at": "2024-03-09T01:48:41.000000Z"
    }
]
```

3.3 Retrieve a specific holiday plan by ID (GET):

Endpoint: GET localhost/api/holiday-plans/{id} OR https://pattyweb.com.br/laravel/public/api/holiday-plans/{id}



TASKS / Show

GET {{DOMAIN}}/api/holiday-plans/1

Headers 6 hidden

	Key	Value	Description
☑	Accept	application/json	
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	
	Key	Value	Description

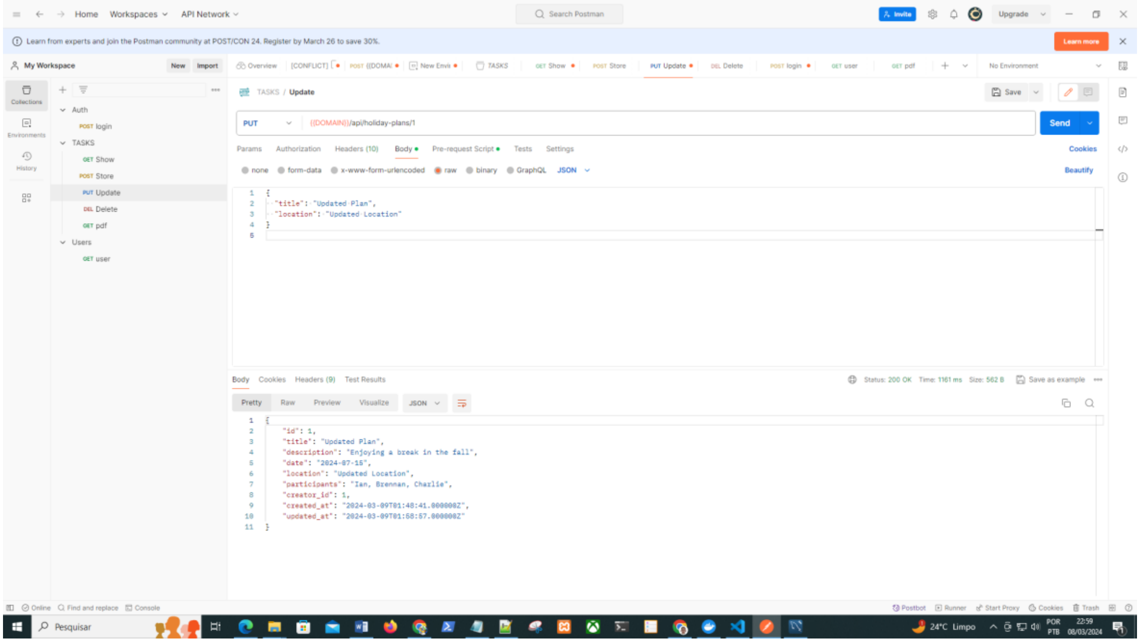
Body

Status: 200 OK Time: 2.09 s Size: 562 B

```
{
    "id": 1,
    "title": "Autumn Vacation",
    "description": "Enjoying a break in the fall",
    "date": "2024-07-15",
    "location": "Sweden Resort",
    "participants": "Ian, Brennan, Charlie",
    "creator_id": 1,
    "created_at": "2024-03-09T01:48:41.000000Z",
    "updated_at": "2024-03-09T01:48:41.000000Z"
}
```

3.4 Update an existing holiday plan (PUT or PATCH):

Endpoint: PUT localhost/api/holiday-plans/{id} or PUT https://pattyweb.com.br/laravel/public/api/holiday-plans//{id}



TASKS / Update

PUT {{DOMAIN}}/api/holiday-plans/1

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "title": "Updated Plan",
  "location": "Updated Location"
}
```

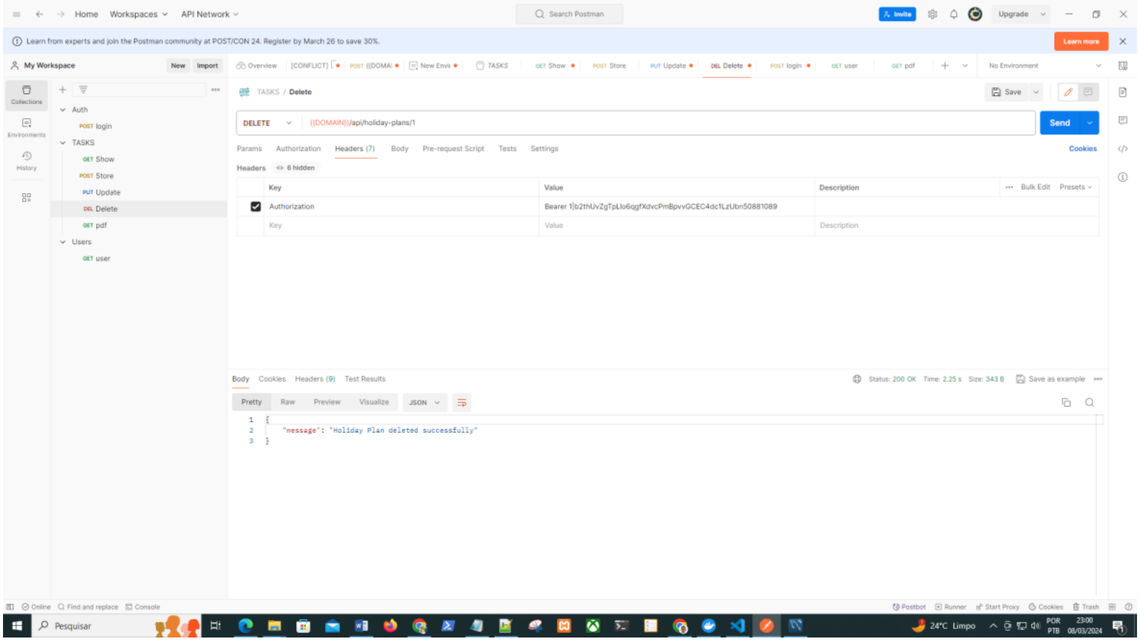
Body

Status: 200 OK Time: 1161 ms Size: 562 B

```
{
    "id": 1,
    "title": "Updated Plan",
    "description": "Enjoying a break in the fall",
    "date": "2024-07-15",
    "location": "Updated Location",
    "participants": "Ian, Brennan, Charlie",
    "creator_id": 1,
    "created_at": "2024-03-09T01:48:41.000000Z",
    "updated_at": "2024-03-09T01:58:57.000000Z"
}
```

3.5 Delete a holiday plan (DELETE):

Endpoint: DELETE localhost/api/holiday-plans/{id}
https://pattyweb.com.br/laravel/public/api/holiday-plans/{id}



DELETE {{DOMAIN}}/api/holiday-plans/1

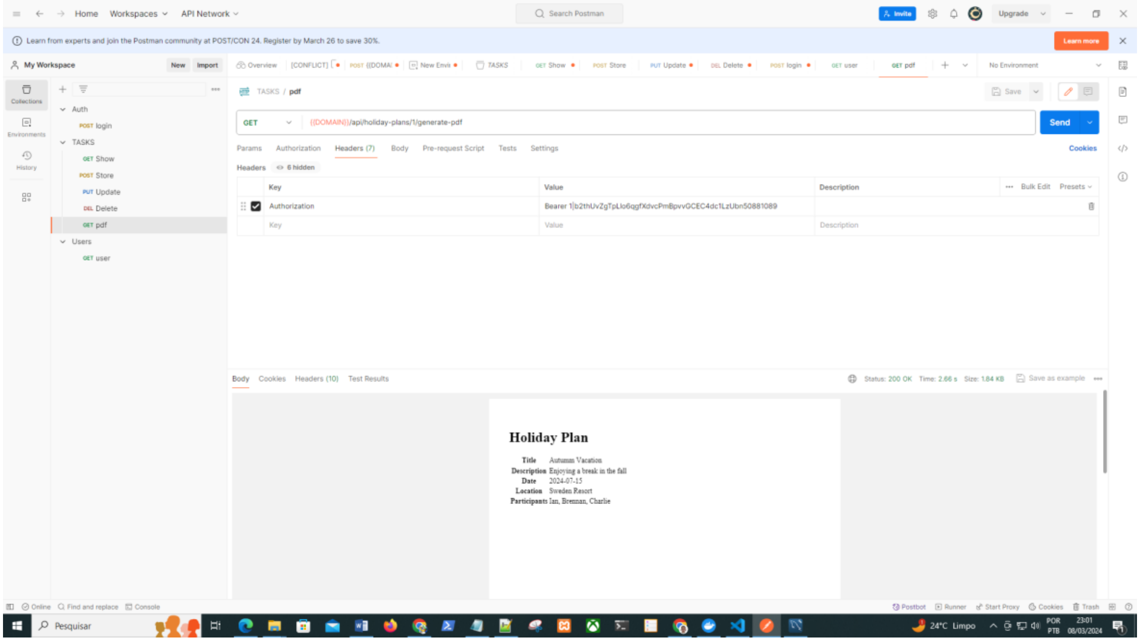
	Key	Value	Description
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	
	Key	Value	Description

Status: 200 OK Time: 2.25 s Size: 343 B

```
{
    "message": "Holiday Plan deleted successfully"
}
```

3.6 Generate PDF for a specific holiday plan (GET):

Endpoint: GET localhost/api/holiday-plans/{id}/generate-pdf OR
https://pattyweb.com.br/laravel/public/api/holiday-plans/{id}/generate-pdf



GET {{DOMAIN}}/api/holiday-plans/1/generate-pdf

	Key	Value	Description
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	
	Key	Value	Description

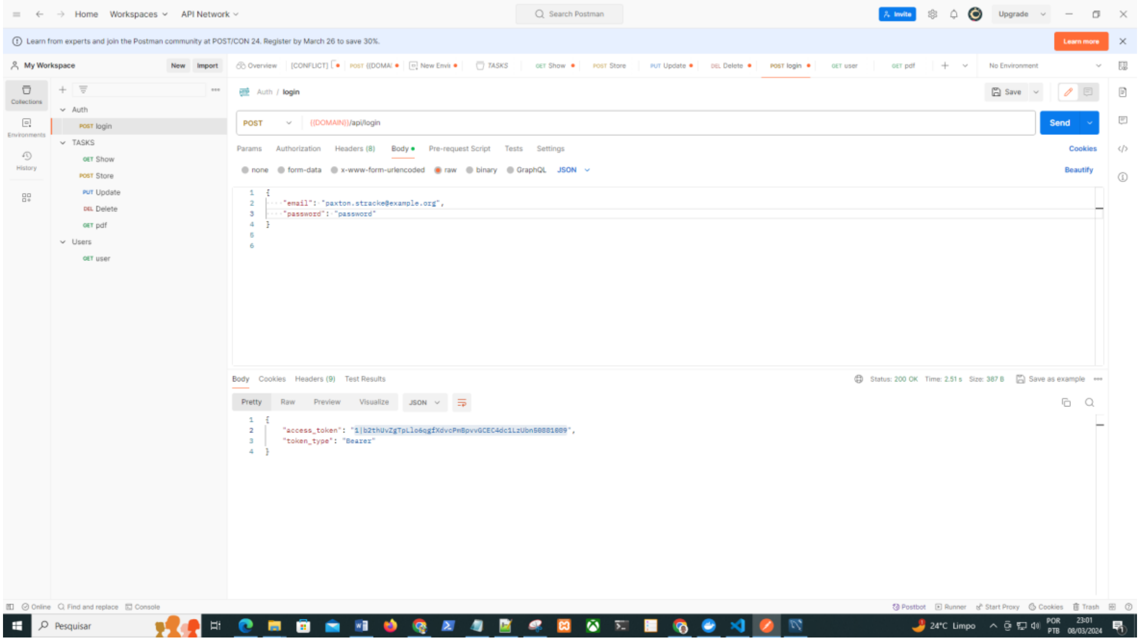
Status: 200 OK Time: 2.66 s Size: 1.84 KB

Holiday Plan

Title	Autumn Vacation
Description	Enjoying a break in the fall
Date	2024-07-15
Location	Sweden Resort
Participants	Ian, Brennan, Charlie

The endpoints for the authentication:

POST localhost/api/login OR https://pattyweb.com.br/laravel/public/api/login



Auth / login

POST {{DOMAIN}}/api/login

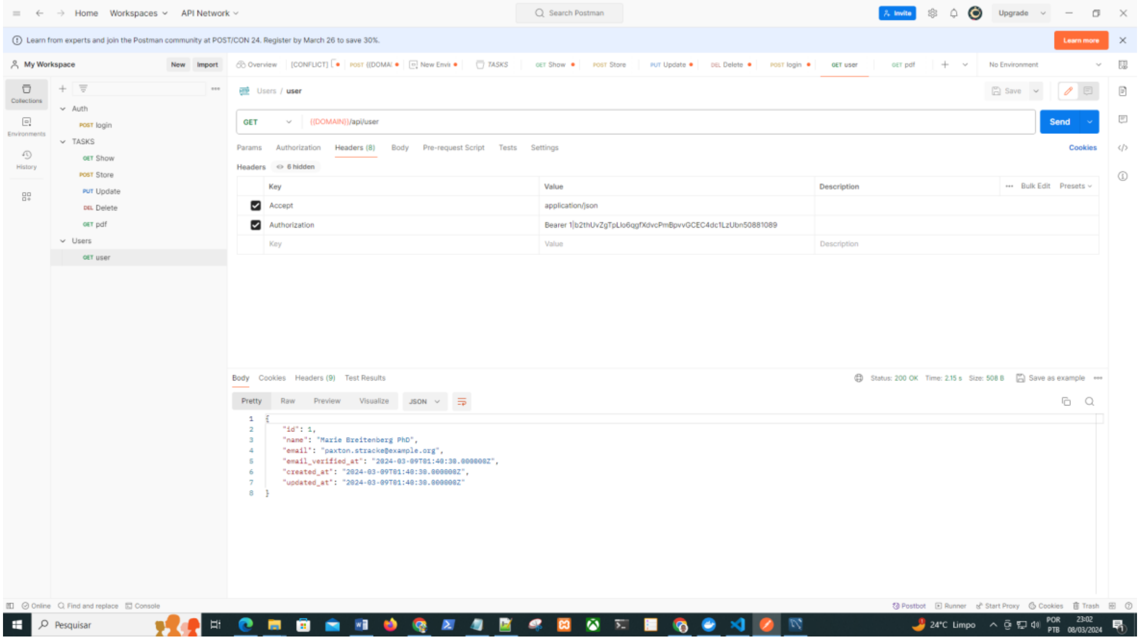
```
{
····"email": "paxton.stracke@example.org",
····"password": "password"
}
```

Status: 200 OK Time: 2.51 s Size: 387 B

```
{
    "access_token": "1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089",
    "token_type": "Bearer"
}
```

For the user(see all the information about your user):

GET localhost/api/user OR https://pattyweb.com.br/laravel/public/api/user



Users / user

GET {{DOMAIN}}/api/user

Headers (8)

	Key	Value	Description
☑	Accept	application/json	
☑	Authorization	Bearer 1|b2thUvZgTpLlo6qgfXdvcPmBpvvGCEC4dc1LzUbn50881089	

Status: 200 OK Time: 2.15 s Size: 508 B

```
{
    "id": 1,
    "name": "Marie Breitenberg PhD",
    "email": "paxton.stracke@example.org",
    "email_verified_at": "2024-03-09T01:40:38.000000Z",
    "created_at": "2024-03-09T01:40:38.000000Z",
    "updated_at": "2024-03-09T01:40:38.000000Z"
}
```